

VOCs AIR EMISSION

Parkway Iron and Metal, Inc.

613-639 Route 46E, Clifton, Passaic County, NJ 07013

NJDEP Program Interest No: 031125

EPA Reference No: CAA-02-2021-1455

OUTLINE

- A. SHREDDER INFORMATION
- B. EXISTENT SHREDDER PERMIT
- C. QUESTIONS

A. SHREDDER INFORMATION

The vehicle scrap received at Parkway Iron and Metal, Inc. is completely evacuated of all fluids, tires, mercury switches and the air conditioning cooling agent, chlorofluorocarbon (CFC).

The vehicle scrap purchased comes from complete dismantlers, and they do not contain:

- the motor,
- the transmission,
- the radiator,
- the rear ends or
- gas tanks.

Most of them also no longer have steel frames.

This scrap is now categorized as **“Clean Shells”**.

A. SHREDDER INFORMATION

In addition, Parkway Iron and Metal, Inc.

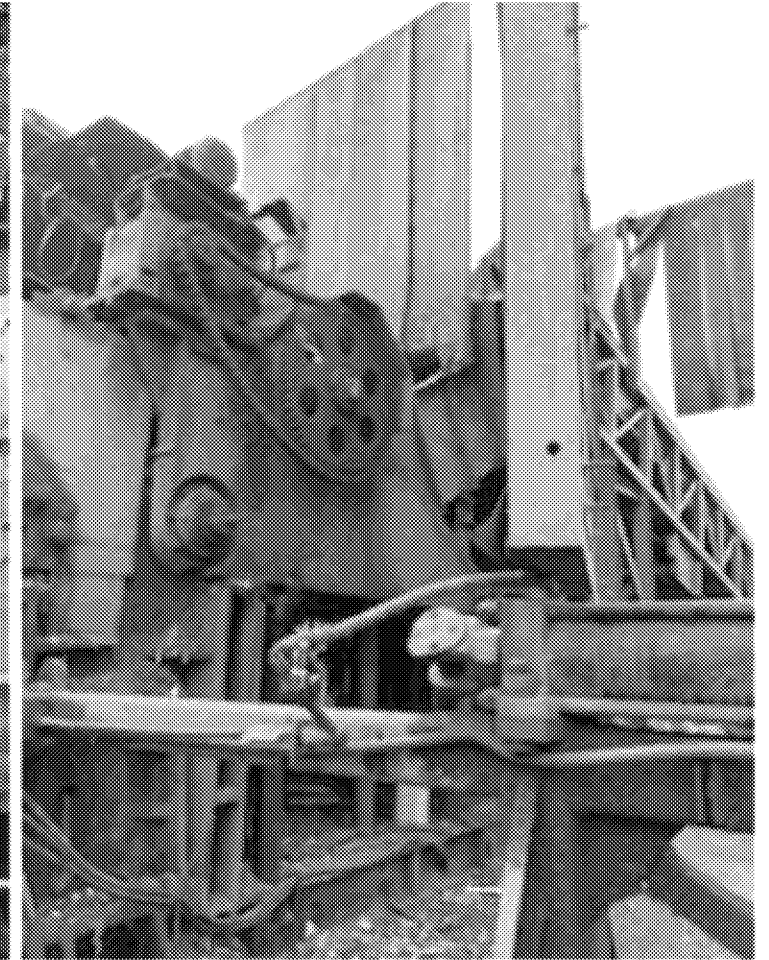
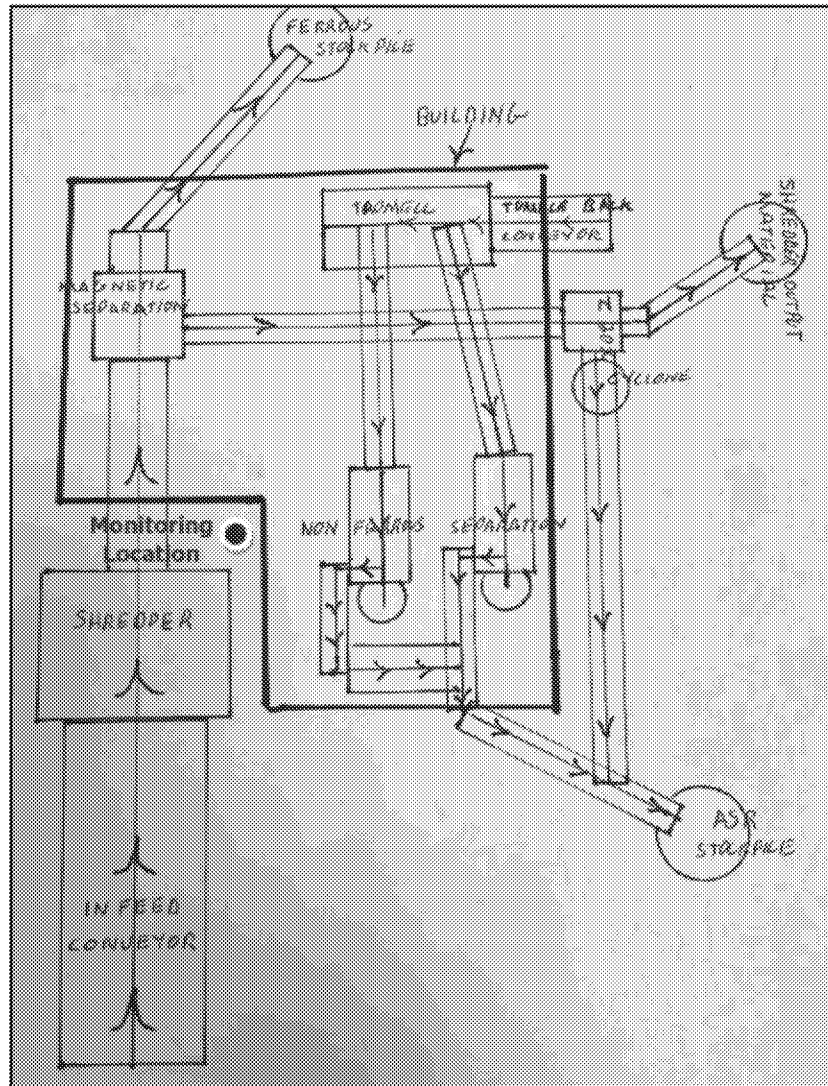
- **Does not accept or process** any of the following: Automobile engines (full loads), Truck engines (full loads), Auto transmissions (full loads), Truck transmissions (full loads), Fuel tanks, Gas bottles or cylinders, Vehicles from the public, Tires and Closed drums or containers.
- **Utilizes a system and outside contractor to prevent 100% all CFCs from reaching the shredder.** All refrigerators, air conditioners, water coolers, etc. are received in a separate area away from the shredding plant. All CFCs are recovered by an EPA approved contractor and records are available.

The shredder plant crushes and sorts of scrap cars and other bulk waste to efficiently recover high purity, high density and uniform granular iron and nonferrous metals.

A. SHREDDER INFORMATION



A. SHREDDER INFORMATION



A. SHREDDER INFORMATION

**FOIA EXEMPTION NO. 4
CLAIMED AS CBI**

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Version: 9.0.3
Currently logged in: philip savoie (PSAVOIE)
Server: Server_1

31125
PARKWAY IRON & METAL CO

[Help](#) | [Logout](#)

PERMIT/CERTIFICATE

[Printer Friendly Version](#)

1 - Select Facility
2 - Certificate Folder
3 - View Certificate

Please Note
You may click on a previously visited page (above) to navigate back to that screen.

State of New Jersey
Department of Environmental Protection
Environmental Regulation
Division of Air Quality
Air Quality Permitting Element
Mail Code 401-02
P.O. Box 420
Trenton, NJ 08625-0420

Certificate to Operate Control Apparatus and/or Equipment

Facility ID: 31125
Facility Name: PARKWAY IRON & METAL CO

Mailing Address:
PO Box 2399
Clifton, NJ 07015

Plant Location:
613-639 RT 46 EAST
Clifton, NJ 07013

County:
Passaic

Location Description:

Permit ID: PCP 970001
Permit Type: Construction of New Source

Status: Renewed
Status Date: 02/24/2021

Effective: 01/04/1996
Expiration: 01/04/2026

Designation of Equipment:
FUGITIVE EMI
Designation of Equipment:

Equipment Description: INFEED CONVEYOR
Equipment Description: SHREDDER

B. SHREDDER PERMIT

VEM-003
3/93

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF NEW SOURCE REVIEW

APPLICATION FOR PERMIT TO CONSTRUCT, INSTALL OR ALTER CONTROL APPARATUS OR EQUIPMENT AND CERTIFICATE TO OPERATE CONTROL APPARATUS OR EQUIPMENT

TO: New Jersey Department of Environmental Protection
Bureau of New Source Review
CN 027, Trenton, N.J. 08625-0027

Read Instructions Before Completing Application

SECTION A	1. Full Business Name	Parkway Iron & Metal Co., Inc. T.A. American Shredding Industries				
	2. Mailing Address	P.O. Box 2399, Cliffon, Passaic County, NJ 07015				
	3. Division and/or Plant Name	American Shredding Industries				
	4. Plant Location	No.	Street	City	County (FNU)	State Zip Code
	5. Location of Equipment on Premises (bldg., dept., area, etc.)	Shredder is housed in bldg toward rear.				
SECTION B	REASON FOR APPLICATION (Check One)					
	<input type="checkbox"/> New Equipment without Control Apparatus		<input type="checkbox"/> Modification to Existing Equipment		<input type="checkbox"/> Five Year Renewal of Cert. No.	
	<input checked="" type="checkbox"/> New Equipment with Control Apparatus		<input type="checkbox"/> Modification to Existing Control Apparatus		(Note: Complete 5 & 6 below)	
	<input type="checkbox"/> New Control Apparatus on Existing Equipment					
	<input type="checkbox"/> Other (Explain)					
SECTION C	1. Nature of Business: Automobile & Metal Shredding & Product Separation for Recycling					
	2. Estimated Starting Date of Construction: In operation.					
	3. Date Equipment to be put in use: March 3, 1995					
	4. Plant Contact		Name (print or type)		Title	
	5. APC Plant ID		N/A		3/195	
STACK INFORMATION (EQUIVALENT STACK INFORMATION)						
1. Company Designation of Stack(s): No Stack - Conveyor Fugitive Emissions Only						
2. Previous Certificate Numbers (if any for this stack): None						
3. a. Number of Sources Venting to this Stack: 2 (Complete a separate VEM-004 for each source)						
b. Number of Stacks Venting Source Operation(s): 1 (Complete a separate VEM-003 for each stack)						
4. Distance to the nearest Property Line (ft.): 125						
5. Stack Diameter (inches): No stack						
6. Discharge Height Above Ground (ft.): Max 28'						
7. Exit Temperature of Stack Gases: Ambient						
8. Vol. of Gas Discharged at Stack Conditions (ACFM): Fugitive						
9. Discharge Direction: <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Up <input type="checkbox"/> Down						

I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil and criminal penalties, including fines or imprisonment or both, for furnishing false, inaccurate or incomplete information.

Alan Shapiro
Name (print or type)

President
Title

Signature: *Alan Shapiro* Date: 10/30/95

This application will not be processed unless proper fee is submitted.

FOR ASSISTANCE CALL 1-800-441-0065
OUT OF NEW JERSEY - 800-292-6716

FOR DEPARTMENT USE ONLY

Log No.

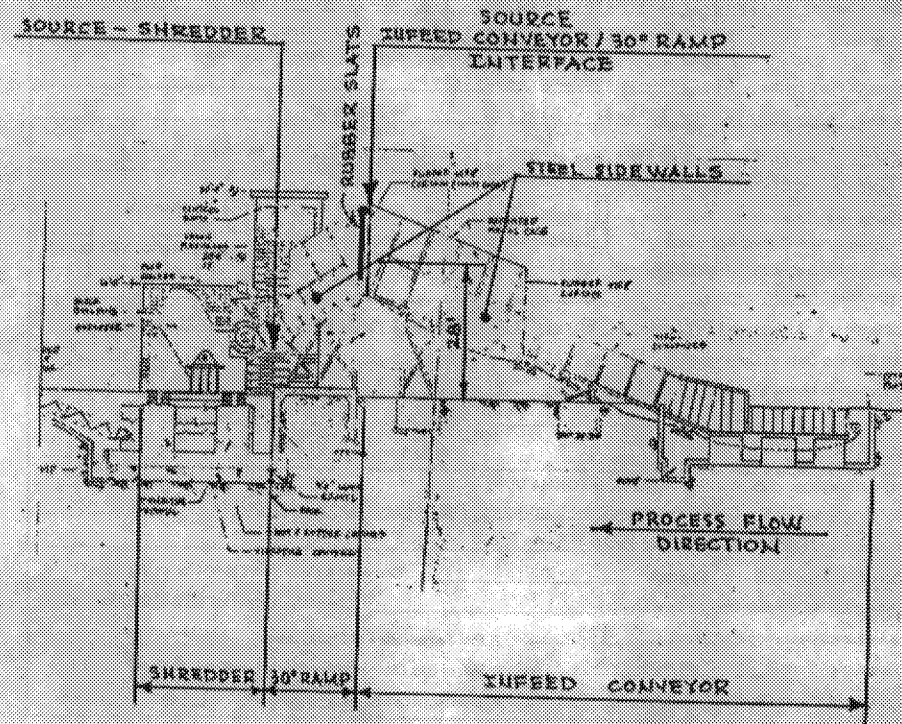
27 25 3203

Fee

Eval.

SECTION D

DIAGRAM INSTRUCTIONS: A diagram must be included showing the configuration of all stacks, control apparatus and sources related to this application. NOTE: In cases of multiple stacks, include the following information for each stack: (1) distance to nearest property line, (2) stack diameters, (3) stack height above ground, (4) exit temperature ("F") of stack gases, (5) volume rate of gases (ACFM) discharged at stack conditions, (6) the location and type of control apparatus, (7) direction of flows, and (8) maximum stack emissions.



B. SHREDDER PERMIT

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY
BUREAU OF NEW SOURCE REVIEW

APPLICATION FOR
PERMIT TO CONSTRUCT, INSTALL OR ALTER CONTROL APPARATUS OR EQUIPMENT
AND
CERTIFICATE TO OPERATE CONTROL APPARATUS OR EQUIPMENT

Source Emissions and Source Data Form
(Complete this form for each source and submit
with application Form VEM-003)

3-09-030-04

SECTION E	SOURCE INFORMATION				
	1. Source Description <u>Infeed Conveyor</u>				
	2. Operating Schedule		<div> <div>8</div> <div>2,000</div> <div>March 3, 1995</div> </div> <div> <div>Hours/Day</div> <div>Hours/Year</div> <div>Operation Starting Date</div> </div>		
	3. % Annual Production Throughput By Quarter				
SECTION F	4. Volume Of Gas Discharged From This Source (ACFM)				
	<u>Fugitive</u>		<u>Source Discharge</u>		
			<u>Ambient</u>		
SECTION G	CONTROL APPARATUS ON SOURCE				
	Primary <u>Wet spray - 90% Efficient</u>		Capital Cost (Dollars)	Annual Operating Cost (Dollars)	No. of Sources Connected
	Secondary				
	Tertiary				
SECTION G	AIR CONTAMINANTS FROM SOURCE				
	CONTAMINANT NAME		Maximum Emissions w/o Control (lbs./hr.)	Maximum Emissions with Control (lbs./hr.)	How Determined
	Particulates		5.0 *	0.5 *	Estimate *
	* Based on 0.1% of throughput by weight subject to particulate dispersion				
40,000 pounds / day x 1 day of operation / 8 hours = 0.001 x (1.8 - 0.5) = 0.5 pounds					

* Use VEM-004 Supplement if additional space is required.

TO INSURE PROPER COORDINATION BETWEEN VEM-003 and VEM-004 FORMS, INSERT IDENTICAL COMPANY NAME AND DESIGNATION OF STACK FROM VEM-003, SIDE 1.

FOR DEPT. USE ONLY	Full Business Name <u>Parkway Iron & Metal Co., Inc. T.A. American Shredding</u>
Reference Log No. <u>01-25-5208</u>	Company Designation of Stack(s) <u>Shredder infeed conveyor</u>

(over)

VEM-004
11/91

Side 2

SECTION H	A. MANUFACTURING AND MATERIALS HANDLING		
	1. Process Description <u>Shredder</u>		
	2. Total Amount Materials Processed <input type="checkbox"/> Batch <input checked="" type="checkbox"/> Continuous <u>40,000</u> lb/batch hr/batch		
	3. Raw Materials		
SECTION H	Crushed automobiles		% By Wt. 60
	Miscellaneous Metals		% By Wt. 40
	* Use VEM-004 Supplement if additional space is required.		
SECTION H	B. FUEL BURNING EQUIPMENT		
	1. Gross Heat Input (10 ⁶ BTU/HR) <u>Electric</u>		
	2. Type Heat Exchange <input type="checkbox"/> Direct <input type="checkbox"/> Indirect <input type="checkbox"/> Internal Combustion Engine		
	PRIMARY FUEL SECONDARY FUEL		
	3. a. Type of Fuel:		
	b. Heating Value (Btu/lb):		
	4. Method of Firing:		
	5. % Sulfur in Fuel (Dry):		
	6. % Ash Content of Fuel (Dry):		
	7. Amount Burned/Yr:		
	Units: Solid Fuel (Tons) Liquid Fuel (10 ⁶ Gal.) Gaseous Fuel (10 ⁶ Ft. ³)		
	SECTION H	C. INCINERATION	
1. Type of Unit <u>N/A</u>			
2. Constituents of Waste(s)			
3. Waste Code <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6			
SECTION H	4. Amount Burned (lbs./hr.)		
	Type of Auxil. Fuel (if any)		
	D. STORAGE FACILITY		
	1. Tank Contents <u>N/A</u>		
SECTION H	2. Type of Tank or Bin		
	3. Capacity (10 ³ Ft. ³) <input type="checkbox"/> (10 ³ Gal.) <input type="checkbox"/>		
	Height or Length (Ft.)		
	Equivalent or Actual Diameter (Ft.)		
SECTION H	THE REMAINING QUESTIONS ARE TO BE ANSWERED ONLY FOR LIQUID STORAGE		
	4. Vapor Pressure at 70°F (PSIA)		
	Storage Temp. If Not Ambient (°F)		
	5. Filling Rate (Gal/Min)		
	Annual Throughput (10 ³ Gal/Yr)		
	6. Method of Fill: <input type="checkbox"/> Top <input type="checkbox"/> Bottom <input type="checkbox"/> Submerged <input type="checkbox"/> Other (Explain Below)		
	7. Color of Tank: <input type="checkbox"/> White <input type="checkbox"/> Other Exposed to Sun Rays <input type="checkbox"/> Yes <input type="checkbox"/> No		
	8. Insulation Data for Insulated Tanks (Volatile Organic Substances)		
Type , Thickness (Inches) , Thermal Conductivity (Btu/hr./ft. ² /°F)			

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C. QUESTIONS

FOIA EXEMPTION NO. 4 CLAIMED AS CBI

- 2. Please detail the application process /forms to be completed**
- 3. Provide an example of an application for a shredder, if available.**